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PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/738,371
Filing Date	12/16/2003
First Named Inventor	Steven R. Soltis
Art Unit	2171
Examiner Name	
Attorney Docket Number	3000

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/PK/		US- 5,043,876	08-27-1991	Terry	
		US- 5,561,799	10-01-1996	Khalidi et al.	
		US- 5,652,913	07-29-1997	Crick et al.	
		US- 5,668,958	09-16-1997	Bendert et al.	
		US- 5,828,876	10-27-1999	Fish et al.	
		US- 5,978,773	11-02-1999	Hudetz et al.	
		US- 5,909,540	06-01-1999	Carter et al.	
		US- 5,764,972	06-09-1998	Crouse et al.	
		US- 5,909,540	06-01-1999	Carter et al.	
		US- 5,931,918	08-03-1999	Row et al.	
		US- 5,987,621	11-16-1999	Duso et al.	
		US- 5,933,603	03-03-1999	Vahalia et al.	
		US- 2002/0112022	08-2002	Kazar et al.	
		US- 5,802,366	09-1998	Row et al.	
		US- 2001/0037406	11-2001	Philbrick et al.	
		US- 5,758,342	05-1998	Gregerson, James Charles	
		US- 5,202,971	04-1993	Henson et al.	
		US- 5,561,799	10-1996	Khalidi et al.	
		US- 5,740,230	04-1998	Vaudreuil, Gregory M.	

Examiner Signature	/Paul Kang/	Date Considered	05/28/2008
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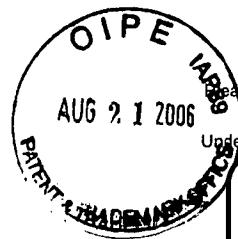
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

2

Complete if Known

Application Number	10/738,371
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/PK/		T. ANDERSON, M. DAHLIN, J. NEEFE, D. PATTERSON, D. ROSELLI, and R. WANG, "Serverless Network File System," Proceedings of the Fifteenth ACM Symposium on Operating System Principles, 1995, The Association for Computer Machinery (ACM) Press, New York, NY USA.	
		M. DEVARAKONDA, A. MOHINDRA, J. SIMONEAUX, and W. TETZLAFF, "Evaluation of Design Alternatives for a Cluster File System," 1995 USENIX Technical Conference on UNIX and Advanced Computing Systems, Jan 1995, pp. 35-46, USENIX Association, Berkeley, CA USA.	
		G. GIBSON, D. NAGLE, K. AMIRI, F. CHANG, H. GOBIOFF, E. RIEDEL, D. ROCHBERG, and J. ZELENKA, "File Server Scaling with Network-Attached Secure Disks," Proceedings of the ACM International Conference on Measurements and Modeling of Computer Systems, June 1997, The Association for Computer Machinery (ACM) Press, New York, NY USA.	
		G. GIBSON, D. NAGLE, K. AMIRI, F. CHANG, E. FEINBERG, H. GOBIOFF, C. LEE, B. OZCERI, E. RIEDEL, D. ROCHBERG, and J. ZELENKA, "Filesystems for Network-Attached Secure Disks," Carnegie Mellon University Technical Report CMU-CS-97-118, July 1997, Carnegie Mellon University, Pittsburgh, PA USA.	
		J. HEIDEMANN and G. POPEK, "File System Development with Stackable Layers," ACM Transaction on Computer Systems, 1994, pp. 58-89, The Association for Computer Machinery (ACM) Press, New York, NY USA.	
		Y. KHALIDI and M. NELSON, "Extensible File Systems in Spring", Sun Microsystems Laboratories Technical Report TR-93-18, September 1993, Sun Microsystems Laboratories, Inc., Mountain View, CA USA.	
		S. KLEIMAN, "Vnodes: An Architecture for Multiple File System Types in Sun UNIX," Proceedings of the Summer USENIX Conference, June 1986, pp. 238-247, USENIX Association, Berkeley, CA USA.	
		K. MATTHEWS, "Implementing a Shared File System on a HIPPI Disk Array," Fourteenth IEEE Symposium on Mass Storage Systems, 1995, pp. 77-88, Institute of Electrical and Electronics Engineers, Inc., Piscataway, NJ USA.	
		J. OUSTERHOUT, A. CHERENSON, F. DOUGLIS, M. NELSON, and B. WELCH, "The Sprite Network Operating System, IEEE Computer, Feb 1988, pp. 23-36, Institute of Electrical and Electronics Engineers, Inc., Piscataway, NJ USA.	
		B. PAWLOWSKI, C. JUSZCZAK, P. STAUBACH, C. SMITH, D. LEBEL, and D. HITZ, "NFS Version 3: Design and Implementation," Proceedings of the Summer USENIX Conference, 1994, USENIX Association, Berkeley, CA.	
↓		D. ROSENTHAL, "Evolving the Vnode Interface," Proceedings of the Summer USENIX Conference, June 1990, pp. 107-117, USENIX Association, Berkeley, CA USA.	

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/PK/		R. SANDBERG, D. GOLDBERG, S. KLEIMAN, D. WALSH, and B. LYON, "Design and Implementation of the Sun Network File System," Proceedings of the Summer USENIX Conference, 1985, pp. 119-130, USENIX Association, Berkeley, CA USA.		
/PK/		M. SATYANARAYANAN, "Scalable, Secure, and Highly Available Distributed File Access," IEEE Computer, May 1990, pp. 9-20, Institute of Electrical and Electronics Engineers, Inc., Piscataway, NJ USA.		
/PK/		M. SATYANARAYANAN, "Code: A Highly Available File System for a Distributed Workstation Environment," Proceedings of the Second IEEE Workshop on Workstation Operating Systems, Sept 1989, Institute of Electrical and Electronics Engineers, Inc., Piscataway, NJ USA.		
/PK/		S. SOLTIS, The Design and Implementation of a Distributed File System base on Shared Network Storage. PhD Thesis, University of Minnesota, 1997, University of Minnesota, Minneapolis, MN USA.		
/PK/		D. WILTZIUS and K. MINUZZO, "Network-attached peripherals (NAP) for HPSS/SIOF," Lawrence Livermore National Laboratory Technical Report, 1995. Available at http://www.llnl.gov/liv_comp/siof/siof_nap.html , Livermore, CA USA.		

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